

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DLED.004CP1C1	APPLICATION NO. 10/689,544
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Vasily I. Shveykin	GROUP 2842 2826
		FILING DATE October 20, 2003	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MLT	1	4,063,189	12/13/77	Scifres et al.			
	2	5,101,413	3/31/92	Botez			
	3	5,537,433	7/16/96	Watanabe			
	4	5,705,834	1/1998	Egalon et al.			
	5	5,779,924	7/1998	Krames et al.			
	6	5,793,062	8/1998	Kish, Jr. et al.			
	7	5,818,860	10/1998	Garbuzov			
	8	6,057,562	5/2000	Lee et al.			
	9	6,429,462	8/2002	Shveykin			
MLT	10	6,649,938	11/2003	Bogatov et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MLT	11	SU 1329533 A1	05/1998	Soviet Union			X	
	12	SU 1359833 A1	15/12/87	Soviet Union			X	
	13	1,455,373	30/01/89	Soviet Union				
	14	2,133,534	7/20/99	Russia				
	15	2,134,007	07/27/99	Russia			X	
	16	2,142,661	12/10/99	Russia			X	
	17	2,142,665	12/10/99	Russia			X	
	18	EP 0 247 267 B1	10/1991	Europe				
	19	EP 0727827 A3	21/08/96	Europe				
	20	EP 0849812 A3	24/06/98	Europe				
	21	60-211993	10/1985	Japan				
	22	WO 85/03809 A1	29/08/85	WIPO				
	23	WO 99/46838	09/1999	WIPO			X	
MLT	24	WO 99/08352	02/1999	WIPO				

EXAMINER	Minhloan Tran	DATE CONSIDERED	6/05
----------	---------------	-----------------	------

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DLED.004CP1C1	APPLICATION NO. 10/689,544
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Vasily I. Shveykin	
	FILING DATE October 20, 2003	GROUP 2812

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MLT	25	WO 00/10235	02/2000	WIPO			X	
MLT	26	WO 00/39860	07/2000	WIPO			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
MLT	27	<i>High-Efficiency InGaAlP Visible Light-Emitting Diodes</i> , H. Sugawara et al., <i>Japanese Journal of Applied Physics</i> , Vol. 31, No. 8, August 1992, pp. 2446-2451.
	28	<i>Room-Temperature CW Operation of InGaAsP Lasers on Si Fabricated by Wafer Bonding</i> , H. Wada et al., <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 2, February 1996, pp. 173-175.
	29	<i>Chemically Assisted Ion Beam Etching of GaAs, Ti, and Mo</i> , J. D. Chinn et al., <i>J. Vac. Sci. Technol. A</i> , Vol. 1, No. 2, April-June 1983, pp. 701-704.
	30	<i>High-Power Superluminescent Diodes</i> , G. A. Alphonse et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 24, No. 12, December 1988, pp. 2454-2457.
	31	<i>Thin-Films Field-Transfer Matrix Theory of Planar Multilayer Waveguides and Reflection From Prism-Loaded Waveguides</i> , J. Chilwell et al., <i>Journal of the Optical Society of America</i> , Vol. 1, No. 7, July 1984, pp. 742-753.
	32	<i>Wide Spectrum Single Quantum Well Superluminescent Diodes At 0.8 μm With Bent Optical Waveguide</i> , A. T. Semenov et al., <i>Electronics Letters</i> , Vol. 29, No. 10, May 13, 1993, pp. 854-855.
	33	<i>Superluminescent Diodes with Bent Waveguide</i> , C.-F. Lin et al., <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 2, February 1996, pp. 206-208.
	34	<i>Low spectral modulation high-power output from a new AlGaAs superluminescent diode/optical amplifier structure</i> , G. A. Alphonse et al., <i>Applied Physics Letters</i> , Vol. 55, No. 22, November 27, 1989, pp. 2289-2291.
	35	<i>P-GaN/N-InGaN/N-GaN Double Heterostructure Blue-Light-Emitting Diodes</i> , S. Nakamura et al., <i>Japanese Journal of Applied Physics</i> , Vol. 32, Part 2, No. 1A/B, January 15, 1993, pp. L8-L11.
	36	<i>High-Brightness AlGaInP 573-nm Light-Emitting Diode with A Chirped Multiquantum Barrier</i> , C. S. Chang et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 34, No. 1, January 1998, pp. 77-83.
	37	<i>Very high-efficiency semiconductor wafer-bonded transparent-substrate (Al<sub>x</sub>Ga<sub>1-x</sub>)<sub>0.5</sub>In<sub>0.5</sub>P/GaP light-emitting diodes</i> , F. A. Kish et al., <i>Applied Physics Letters</i> , Vol. 64, No. 21, May 23, 1994, pp. 2839-2841.
	38	<i>Superbright Green InGaN Single-Quantum-Well-Structure Light-Emitting Diodes</i> , S. Nakamura et al., <i>Japanese Journal of Applied Physics</i> , Vol. 34 (1995) pp. L1332-L1335, Part 2, No. 10B, 15 October 1995.
	39	<i>Internal Optical Losses in Very Thin CW Heterojunction Laser Diodes</i> , J. K. Butler et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. QE-11, No. 7, July 1975 pp. 402-408.
	40	<i>Room-Temperature CW Operation of InGaAsP Lasers on Si Fabricated by Wafer Bonding</i> , H. Wada et al., <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 2, February 1996, pp. 173-175.
	41	<i>Optoelektronika [Optoelectronics]</i> , Yu. R. Nosov, <i>Radio i svyaz</i> , [Radio and Communications], Moscow, Publ. (1989), pp. 136-143.
	42	<i>Light-Emitting Diodes with 17% External Quantum Efficiency at 622 Mb/s for High-Bandwidth Parallel Short-Distance Optical Interconnects</i> , R. H. Windisch et al., <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 5, No. 2, March/April 1999, pp. 166-171.
	43	<i>High Brightness Visible (660 nm) Resonant-Cavity Light-Emitting Diode</i> , K. Streubel et al., <i>IEEE Photonics Technology Letters</i> , Vol. 10, No. 12, December 1998, pp. 1685-1687.
MLT	44	<i>100-mW High-Power Angled-Stripe Superluminescent Diodes with a New Real Refractive-Index-Guided Self-Aligned Structure</i> , T. Takayama et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 32, No. 11, November 1996, pp. 1981-1987.

EXAMINER <u>Minhloan Tran</u>	DATE CONSIDERED <u>6/05</u>
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DLED.004CP1C1	APPLICATION NO. 10/889,544
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Vasily I. Shveykin	
		FILING DATE October 20, 2003	GROUP 2812

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
MLT	45	<i>High-power, high-efficiency 1.3 <math>\mu</math>m superluminescent diodes with a buried bent absorbing guide structure</i> , Haruo Nagai et al., <i>Applied Physics Letters</i> , Volume 54, Number 18, May 1989, pp. 1719-1721.
	46	<i>High power, high efficiency window buried heterostructure GaAlAs superluminescent diode with an integrated absorber</i> , N. S. K. Kwong et al., <i>Applied Physics Letters</i> , Vol. 51, No. 23, December 7, 1987, pp. 1879-1881.
	47	<i>Optical Properties of a GaAlAs Superluminescent Diode</i> , N. K. Dutta et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. QE-19, No. 4, April 1983, pp. 496-498.
	48	<i>Measurement of the Modal Reflectivity of an Antireflection Coating on a Superluminescent Diode</i> , I. P. Kaminow et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. QE-19, No. 4, April 1983, pp. 493-495.
	49	<i>980-nm Master Oscillator Power Amplifiers with Nonabsorbing Mirrors</i> , R. M. Lammert et al., <i>IEEE Photonics Technology Letters</i> , Vol. 11, No. 9, September 1999, pp. 1099-1101.
	50	<i>High-Power Near-Diffraction-Limited Tapered Amplifiers at 1064 nm for Optical Intersatellite Communications</i> , P. Chazan et al., <i>IEEE Photonics Technology Letters</i> , Vol. 10, No. 11, November 1998, pp. 1542-1544.
	51	<i>Extremely Low Power Consumption Semiconductor Optical Amplifier Gate for WDM Applications</i> , T. Ito et al., <i>Electronics Letters</i> , Vol. 33, No. 21, October 9, 1997, pp. 1791-1792.
	52	<i>5-W CW Diffraction-Limited InGaAs Broad-Area Flared Amplifier at 970 nm</i> , S. O'Brien et al., <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 9, September 1997, pp. 1217-1219.
	53	<i>Wavelength Conversion Using Semiconductor Optical Amplifiers</i> , M. Asghari et al., <i>Journal of Lightwave Technology</i> , Vol. 15, No. 7, July 1997, pp. 1181-1190.
	54	<i>Gain Dynamics of a Saturated Semiconductor Laser Amplifier with 1.47-<math>\mu</math>m LD Pumping</i> , K. Inoue et al., <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 4, April 1996, pp. 506-508.
	55	<i>Improvement of Saturation Output Power in a Semiconductor Laser Amplifier through Pumping Light Injection</i> , M. Yoshino et al., <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 1, January 1996, pp. 58-59.
	56	<i>Progress in Long-Wavelength Strained-Layer InGaAs(P) Quantum-Well Semiconductor Laser and Amplifiers</i> , P. J. A. Thijs et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 30, No. 2, February 1994, pp. 477-499.
	57	<i>5.25-W CW Near-Diffraction-Limited Tapered-Stripe Semiconductor Optical Amplifier</i> , D. Mehuys et al., <i>IEEE Photonics Technology Letters</i> , Vol. 5, No. 10, October 1993, pp. 1179-1182.
	58	<i>High-Power Diffraction-Limited Monolithic Broad Area Master Oscillator Power Amplifier</i> , S. O'Brien et al., <i>IEEE Photonics Technology Letters</i> , Vol. 5, No. 5, May 1993, pp. 526-528.
	59	<i>2.0 W CW, Diffraction-Limited Operation of a Monolithically Integrated Master Oscillator Power Amplifier</i> , R. Parke et al., <i>IEEE Photonics Technology Letters</i> , Vol. 5, No. 3, March 1993, pp. 297-300.
	60	<i>2.0 W CW, Diffraction-Limited Tapered Amplifier with Diode Injection</i> , D. Mehuys et al., <i>Electronics Letters</i> , Vol. 28, No. 21, October 8, 1992, pp. 1944-1946.
	61	<i>Semiconductor Optical Amplifiers</i> , N. Anders Olsson, <i>Proceedings of IEEE</i> , Vol. 80, No. 3, March 1992, pp. 375-382.
	62	<i>Ultra-Low-Reflectivity Semiconductor Optical Amplifiers Without Antireflection Coatings</i> , W. Rideout et al., <i>Electronics Letters</i> , Vol. 26, No. 1, January 4, 1990, pp. 36-38.
	63	<i>546 km, 140 Mbit/s FSK Coherent Transmission Experiment through 10 Cascaded Semiconductor Laser Amplifiers</i> , S. Ryu et al., <i>Electronics Letters</i> , Vol. 25, No. 25, December 7, 1989, pp. 1682-1684.
	64	<i>Pulse Energy Gain Saturation in Subpico- and Picosecond Pulse Amplification by a Traveling-Wave Semiconductor Laser Amplifier</i> , T. Saitoh et al., <i>IEEE Photonics Technology Letters</i> , Vol. 1, No. 10, October 1989, pp. 297-299.
	65	<i>Polarization-Independent Optical Amplifier with Buried Facets</i> , N. A. Olsson et al., <i>Electronics Letters</i> , Vol. 25, No. 16, August 3, 1989, pp. 1048-1049.
	66	<i>Gain and Noise Characteristics of a 1.5<math>\mu</math>m Near-travelling-wave Semiconductor Laser Amplifier</i> , J.-C. Simon et al., <i>Electronics Letters</i> , Vol. 25, No. 7, March 30, 1989, pp. 434-436.
MLT	67	<i>1.3<math>\mu</math>m Semiconductor Laser Power Amplifier</i> , N. A. Olsson et al., <i>IEEE Photonics Technology Letters</i> , Vol. 1, No. 1, January 1989, pp. 2-3.

EXAMINER	Minh loan Tran	DATE CONSIDERED	6/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DLED.004CP1C1	APPLICATION NO. 10/689,544
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Vasily I. Shveykin	
		FILING DATE October 20, 2003	GROUP 2812

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
MLT	68	<i>Semiconductor Laser Optical Amplifiers for Use in Future Fiber Systems</i> , M. J. O'Mahony, <i>Journal of Lightwave Technology</i> , Vol. 6, No. 4, April 1988, pp. 531-544.
	69	<i>New Inline Wideband Dynamic Semiconductor Laser Amplifier Model</i> , A. J. Lowery, <i>IEEE Proceedings</i> , Vol. 135, Pt. J, No. 3, June 1988, pp. 242-250.
	70	<i>Recent Progress in Semiconductor Laser Amplifiers</i> , Tadashi Saitoh et al., <i>Journal of Lightwave Technology</i> , Vol. 6, No. 11, November 1988, pp. 1656-1664.
	71	<i>Fabrication and Performance of 1.5μm GaInAsP Travelling wave Laser Amplifiers with Angled Facets</i> , C. E. Zah et al., <i>Electronics Letters</i> , Vol. 23, No. 19, September 10, 1987, pp. 990-991.
	72	<i>Travelling-wave Optical Amplifier at 1.3μm</i> , G. Eisenstein et al., <i>Electronics Letters</i> , Vol. 23, No. 19, September 10, 1987, pp. 1020-1022.
	73	<i>Optical FM Signal Amplification by Injection Locked and Resonant Type Semiconductor Laser Amplifiers</i> , S. Kobayashi et al., <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. MTT-30, No. 4, April 1982, pp. 421-427.
	74	<i>Efficient high power reliable InGaAs/AlGaAs (940nm) monolithic laser diode arrays</i> , X. He et al., <i>Electronics Letters</i> , Vol. 35, No. 20, September 30, 1999, pp. 1739-1740.
	75	<i>Effects of broad-waveguide structure in 0.8 μm high-power InGaAsP/InGaP/AlGaAs lasers</i> , T. Hayakawa et al., <i>Applied Physics Letters</i> , Vol. 75, No. 13, September 27, 1999, pp. 1839-1841.
	76	<i>Very high power 1.48μm semiconductor lasers</i> , A. Mathur et al., <i>Electronics Letters</i> , Vol. 35, No. 12, June 10, 1999, pp. 983-985.
	77	<i>High-power and high temperature long-term stability of Al-free 950nm laser structures on GaAs</i> , G. Belster et al., <i>Electronics Letters</i> , Vol. 35, No. 19, September 16, 1999, pp. 1641-1643.
	78	<i>Ghost Modes and Resonant Effects in AlGaIn-InGaIn-GaN Lasers</i> , P. G. Eliseev et al., <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 5, No. 3, May/June 1999, pp. 771-779.
	79	<i>10.9W continuous wave optical power from 100μm aperture InGaAs/AlGaAs (915nm) laser diodes</i> , X. He et al., <i>Electronics Letters</i> , Vol. 34, No. 22, October 29, 1998, pp. 2126-2127.
	80	<i>High-power (&gt;10 W) continuous-wave operation from 100-μm-aperture 0.97-μm-emitting Al-free diode lasers</i> , A. Al-Muhanna et al., <i>Applied Physics Letters</i> , Vol. 73, No. 9, August 31, 1998, pp. 1182-1184.
	81	<i>High-Power High-Efficiency 0.98-μm Wavelength InGaAs-(In)GaAs(P)-InGaP Broadened Waveguide Lasers Grown by Gas-Source Molecular Beam Epitaxy</i> , M. R. Gokhale et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 33, No. 12, December 1997, pp. 2266-2276.
	82	<i>9.3 W CW (In)AlGaAs 100μm wide lasers at 970nm</i> , S. O'Brien et al., <i>Electronics Letters</i> , Vol. 33, No. 22, October 23, 1997, pp. 1869-1871.
	83	<i>66% CW wallplug efficiency from Al-free 0.98μm-emitting diode lasers</i> , D. Botez et al., <i>Electronics Letters</i> , Vol. 32, No. 21, October 10, 1996, pp. 2012-2013.
	84	<i>A Novel Cladding Structure for Semiconductor Quantum-Well Lasers with Small Beam Divergence and Low Threshold Current</i> , S. Yen et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 32, No. 9, September 1996, pp. 1588-1595.
	85	<i>InGaP/InGaAsP/GaAs 0.808 μm Separate Confinement Laser Diodes Grown by Metalorganic Chemical Vapor Deposition</i> , J. Diaz et al., <i>IEEE Photonics Technology Letters</i> , Vol. 6, No. 2, February 1994, pp. 132-134.
	86	<i>Aluminum-Free 980-nm GaInAs/GaInAsP/GaInP Pump Lasers</i> , Harry Asonen et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 30, No. 2, February 1994, pp. 415-423.
	87	<i>600 mW CW Single-Mode GaAlAs Triple-Quantum-Well Laser with a New Index Guided Structure</i> , O. Imafuji et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 29, No. 6, June 1993, pp. 1889-1894.
	88	<i>Leaky wave room-temperature double heterostructure GaAs:GaAlAs diode laser</i> , D. R. Scifres et al., <i>Applied Physics Letters</i> , Vol. 29, No. 1, July 1976, pp. 23-25.
	89	<i>Operating Characteristics of a High-Power Monolithically Integrated Flared Amplifier Master Oscillator Power Amplifier</i> , S. O'Brien et al., <i>IEEE Journal of Quantum Electronics</i> , Vol. 29, No. 6, June 1993, pp. 2052-2057.
MLT	90	<i>High-Power 1.3-μm InGaAsP-InP Amplifiers with Tapered Gain Regions</i> , J.P. Donnelly et al., <i>IEEE Photonics Technology Letters</i> , Vol. 8, No. 11, November 1996, pp. 1450-1452.

EXAMINER <u>Minhloan Tran</u>	DATE CONSIDERED <u>6/05</u>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DLED.004CP1C1	APPLICATION NO. 10/689,544
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Vasily I. Shveykin	
		FILING DATE October 20, 2003	GROUP 2812

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
MLT	91	<i>High-Power, Near-Diffraction-Limited Large-Area Traveling-Wave Semiconductor Amplifier</i> , L. Goldberg et al., <u>IEEE Journal of Quantum Electronics</u> , Vol. 29, No. 6, June 1993, pp. 2028-2043.
	92	<i>The carrier effects on the change of refractive index for n-type GaAs at <math>\lambda=1.06, 1.3</math>, and <math>1.55 \mu\text{m}</math></i> , H.C. Huang et al., <u>Journal of Applied Physics</u> , Vol. 67, No. 3, February 1, 1990, pp. 1497-1503.
	93	<i>Monolithic Super-Bright Red Resonant Cavity Light-Emitting Diode Grown by Solid Source Molecular Beam Epitaxy</i> , M. Jalonen et al., <u>IEEE Photonics Technology Letters</u> , Vol. 10, No. 7, July 1998, pp. 923-925.
	94	<i>1.1 W CW, Diffraction-Limited Operation of a Monolithically Integrated Flared-Amplifier Master Oscillator Power Amplifier</i> , D.F. Welch et al., <u>Electronics Letters</u> , Vol. 28, No. 21, October 8, 1992, pp. 2011-2013.
	95	<i>High-Power InGaAs/GaAs Singlemode Laser Diodes With Reactive-Ion-Etched Ridges</i> , S.S. Ou et al., <u>Electronics Letters</u> , Vol. 28, No. 25, December 3, 1992, pp. 2345-2346.
	96	<i>Oxidized GaAs QW vertical-cavity lasers with 40% power conversion efficiency</i> , B. Weigl et al., <u>Electronics Letters</u> , Vol. 32, No. 19, September 12, 1996, pp. 1784-1786.
	97	<i>Depressed index cladding graded barrier separate confinement single quantum well heterostructure laser</i> , T. M. Cockerill et al., <u>Applied Physics Letters</u> , Vol. 59, No. 21, November 18, 1991, pp. 2694-2696.
	98	<i>Linewidth Broadening Factor in Semiconductor Lasers-An Overview</i> , M. Osinski et al., <u>IEEE Journal of Quantum Electronics</u> , Vol. QE-23, No. 1, January 1987, pp. 9-29.
	99	<i>Nature of Wavelength Chirping in Directly Modulated Semiconductor Lasers</i> , T. L. Koch et al., <u>Electronics Letters</u> , December 6, 1984, Vol. 20, No. 25/26, pp. 1038-1039.
	100	<u>Handbook of Semiconductor Lasers and Photonic Integrated Circuits</u> , Y. Suematsu et al., 1994, pp. 402-407.
	101	<u>Handbook of Semiconductor Lasers and Photonic Integrated Circuits</u> , Y. Suematsu et al., 1994, pp. 44-45, 393-417.
	102	<u>Handbook of Semiconductor Lasers and Photonic Integrated Circuits</u> , Y. Suematsu et al., 1994, pp. 58-65.
	103	<i>Resonant Cavity LED's Optimized for Coupling to Polymer Optical Fibers</i> , R. Bockstaele et al., <u>IEEE Photonics Technology Letters</u> , Vol. 11, No. 2, February 1999, pp. 158-160.
	104	<i>High-power 1.3 <math>\mu\text{m}</math> superluminescent diode</i> , N. S. K. Kwong et al., <u>Applied Physics Letters</u> , Vol. 54, No. 4, January 23, 1989, pp. 298-300.
	105	<i>Analysis of Semiconductor Laser Optical Amplifiers</i> , M. J. Adams et al., <u>IEEE Proceedings</u> , Vol. 132, Pt. J, No. 1, February 1985, pp. 58-63.
	106	<i>Efficiency and intensity distribution of a semiconductor leaky-mode laser</i> , A.P. Bogatov et al., <u>Quantum Electronics</u> , Vol. 26, No. 1, 1999, pp. 28-32. (In Russian)
	107	<i>Directional radiation pattern of quantum-dimensional InGaAs/GaAs leaky-mode lasers</i> , V.I. Shveikin et al., <u>Quantum Electronics</u> , Vol. 26, No. 1, 1999, pp. 33-36. (In Russian)
	108	<i>Dynamics of the optical damage of output mirrors of ridge semiconductor lasers based on strained quantum-well heterostructures</i> , I.V. Akimova et al., <u>Quantum Electronics</u> , Vol. 28, No. 7, 1998, pp. 629-632.
	109	<i>ADC's Epitaxial Mirror on Facet Process Improves 980 nm Pump Laser Reliability</i> , Tim Whitaker, <u>Compound Semiconductor</u> , Vol. 6, No. 5, July 2000, pp. 52-53.
	110	Abstract of Russian Patent #RU 2133534 obtained from Delphion database (www.delphion.com).
	111	<i>Semiconductor lasers emitting at the 0.98 <math>\mu\text{m}</math> wavelength with radiation coupling-out through the substrate</i> ; <u>Quantum Electronics</u> , Vol. 28, No. 7, 1998, pp. 605-607.
	112	<i>GaN microdisk light emitting diodes</i> , S. X. Jin et al., <u>Applied Physics Letters</u> , Vol. 76, No. 5, January 31, 2000, pp. 631-633
	113	<i>Improved characteristics of InGaN multiple-quantum-well light-emitting diode by GaN/AlGaIn distributed Bragg reflector grown on sapphire</i> , N. Nakada et al., <u>Applied Physics Letters</u> , Vol. 76, No. 14, April 3, 2000, pp. 1804-1806
MLT	114	<i>Room-temperature operation at 333 nm of <math>\text{Al}_{0.63}\text{Ga}_{0.97}\text{N}/\text{Al}_{0.25}\text{Ga}_{0.75}\text{N}</math> quantum-well light-emitting diodes with Mg-doped superlattice layers</i> , A. Kinoshita et al., <u>Applied Physics Letters</u> , Vol. 77, No. 2, July 10, 2000, pp. 175-177

EXAMINER	Minhloan Tran	DATE CONSIDERED	6/05
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 608; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OLED.004CP1C1	APPLICATION NO. 10/689,544
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Vasily I. Shveykin	
	FILING DATE October 20, 2003	GROUP 2812

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
MLT	115	<i>Resonant-cavity InGaN quantum-well blue light-emitting diodes</i> , Y.-K. song et al., <u>Applied Physics Letters</u> , Vol. 77, No. 12, September 18, 2000, pp 1744-1746
MLT	116	<i>Green electroluminescent (Ga, In, Al) N LEDs grown on Si (111)</i> , S. Dalmaso et al., <u>Electronics Letters</u> , Vol. 36, No. 20, September 28, 2000, pp 1728-1730
MLT	117	<i>High-efficiency, low voltage resonant-cavity light-emitting diodes operating around 650 nm</i> , J. W. Gray et al., <u>Electronics Letters</u> , Vol. 36, No. 20, September 28, 2000, pp. 1730-1731
MLT	118	<i>Semiconductor Optical Amplifiers</i> , J.-R. Kim et al., <u>Compound Semiconductor</u> , Vol. 6, No. 2, March 2000, pp. 46-48, 50

H:\DOCS\MJGMJG-3693.DOC:bb 091302  
 H:\DOCS\MJGMJG-5964.DOC  
 041204

EXAMINER <u>Minhloan Tran</u>	DATE CONSIDERED <u>6/05</u>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	